

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: W2CRS@aol.com
Subject: 1938 Utah Junior Saga- QSOs!
Message-ID: <961029224446_1449075804@emout01.mail.aol.com>

They really did make FB contacts back before WW2! I was born in 1940 so don't remember. Tonight, using the just renovated Utah Junior, my recently renovated 1936 NC-101X and an old Viproblex key that might be from the 1930's, I made four contacts!

My ham neighbor had a bunch of 80M crystals so that helped out. On 3539 KC, I worked TX, CA, and WI on CQ's. I was running 5 watts out. Later Boatanchors listmember, John, WA1ABI, from RI, and I had a nice QSO! John had offered a sked when I asked for skeds earlier today.

I had forgotten the variation in crystals. With some, I only get 5 watts out and with others as much as 8 watts from the 6L6, single tube, transmitter.

Just 10 days ago, I made my first AM contact in over 30 years with my newly acquired AF-67.

Today, I made my first crystal controlled contact in over 30 years.

For you short wave listeners, you probably thought it was my first CW contact in over 30 years {grin}. Indeed, it was my first four contacts on a bug, and after using a keyer for decades, it was difficult!

Hope everyone is having as much fun at the Boatanchor Party as-
Doug W2CRS near Pikes Peak, Colorado

PS Still looking for a manual, etc. for the Utah Junior, info on winding coils for other bands, and a 3579 crystal for the BA/GB net. And a question. Do I dare subject my MFJ Grandmaster memory keyer to the Utah Junior's 100 V keying line?

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: BEN NOCK <106312.1035@compuserve.com>
Subject: 22 SET IN ACTION
Message-ID: <199610291745_MC1-B77-D6A1@compuserve.com>

The wireless set No 22, as used in such places as Arnhem 1944, "the bridge too far", was once again in use here today. No only was it in use, it was in contact with another 22 set, this one located 136 miles away. Reports of 5/6 both ways, on phone, were happily received. Frequency, 3.630 MHz.

Considering the problems encountered at Arnhem, where communication from the DZ to the objective, the bridge, a range of between 5 and 8 mile, were non existent, and that those on the bridge, a small party of men having made it there, could not contact 30 corps all of 11 miles away at

Nijmegen, the 136 mile haul was good going today.

Aerial this end was 135 ft of wire, the other end had a window aerial about the same length. I have been in contact with many Arnhem vets, (by letter !) who were signallers, and they have told me great tales about not being able to get in touch with each other. Though one or two tried to put up long wire aerials on the roof of both the bridge houses and those at the HQ in Oosterbeek, they kept getting shot at when they poked their heads out, very unsocial habit.

Whilst a qso of 136 miles, with 3 watts each end is nothing great, I still think its a great achievement for a bit of kit over 50 years old with a receiver as wide as a barn door.

More power to the anodes, real radio glows in the dark.

Ben G4BXD. MILITARY WIRELESS IN THE MIDLANDS

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Steve Ellington <n4lq@iglou.com>
Subject: 312 spkr sold. Still have A4
Message-ID: <Pine.GS0.3.93.961029201035.29260A-100000@iglou1>

The 75A-4 and 312 spkr are now separated.

The speaker sold for \$525.

I still have the 75A-4 for sale and the 500cps cw filter as described.

Offers will now be taken for the receiver. Thanks to all who inquired.

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: "Grant Youngman" <nq5t@gte.net>
Subject: Re: 312 spkr sold. Still have A4
Message-ID: <199610300122.TAA24813@mail1.gte.net>

> The 75A-4 and 312 spkr are now separated.
>
> The speaker sold for \$525.

Great buggily wuggily!!

Grant Youngman / NQ5T

nq5t@gte.net
<http://home1.gte.net/nq5t/index.htm>
Double Oak, TX -- nr Dallas

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996

From: Glenn Finerman <GFINER@nms.com>

Subject: 51S-1 at last!!

Message-ID: <s2763345.074@nms.com>

Drove home at lunchtime (one of the "luxuries" of my job) to meet the UPS driver to receive my new 51S-1. Almost got screwed on this one! Someone had posted a for sale ad that I think was taken off some news group. I know the person involved was NOT as list member, so enough said on that. This person had a whole Collins package they wanted to sell together. I sent an E-mail asking if he would sell the 51S-1 separately and how much would he want. He replied yes and the price would be \$850.00 plus shipping. The receiver was described as a round emblem 51S-1 in "mint" condition with original manual and outer case. Well I scraped, scratched, begged, and sold some equipment in a hurry to raise the money as fast as I could! Got it all together, sent him an E-mail asking if it was still available, YES it was...I said SHIP - IT!!.....Well, two days later he sent me a very upsetting Email. He basically was telling me that some guy who used to work for Collins sent him an email telling him he was "giving it away at that price". The seller said he was thinking about changing his mind, he could get much more money for it, it's very rare, blah, blah, blah! . He went on to explain he was a "very honorable person" and more blah, blah, blah. I told him if you are an honorable person like you say, you'll ship me the receiver now at the agreed price! I'll cut to the chase at this point....Lots of "nasty" emails back from him, how he was upset, etc.... I guess he did decide to stick to the deal that was made, cauz It's mine now!!.... Was the suffering required to purchase this receiver??..

I need a vacation!

73.....Glenn N2BJG gfiner@nms.com

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: ks0f@i1.net (MIKE SANDERS)
Subject: 51S1 cleaning question
Message-ID: <199610292339.RAA28699@mail1.i1.net>

Greetings All,

I brought home the Collins stuff today including the 51S1 receiver. It is really very nice but some bands require some wiggle to get them to work. Anyone have any do and/or don't experience to offer on cleaning this receiver. I expect it might be tedious but mainly I want to be careful.
73, Mike

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Stanley Siegel <siegels@turing.law.nyu.edu>
Subject: 51S1 cleaning question -Reply
Message-ID: <s276569f.002@turing.law.nyu.edu>

The first order of business -- after cleaning the chassis -- is to treat all of the contacts and all of the pots with de-oxit, which is the best all-around contact cleaner around. Work the switches back and forth after spraying in the de-oxit, and then use a spray of air to force out the extra solvent. You might consider also applying a dab of lithium grease to the detent balls on selector switches. This treatment will probably eliminate your problem with erratic switch contacts.

Good luck., Stan W6TJS

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: ks0f@i1.net (MIKE SANDERS)
Subject: 51S1 continues
Message-ID: <199610300401.WAA17502@mail1.i1.net>

Greetings again All,

Thanks for the replies on the 51S1 question. After one round of q tips and Deoxit the turrent contacts are cleaned. It works. I am however going to do it again just for giggles. All bands come in now with no hesitation.

The bar that tracks with the main tuning to drive the permeability tuning was sluggish and caused rx sensitivity to be low on the high end of the dial. I went chasing the tubes first and found a couple bad 6BA6s and 6EA8s. Those were replaced. I did a bit of checking of the alignment by the book and found nothing to worry about. Took a little while to discover the sluggish travel on the coil drive bar what

ever it is called. Anyway it is working better now and I will continue to exercise it. Looks like the lube job on the runners will do the trick.

This receiver only has a bit of old dust in it and not much of that. Guess it has been setting around for some time. Cleaned most of the pots and switches so far with Deoxit. Overall the rx is working quite nicely. Sounds good. I will do some arbitrary cleaning of the rest of the controls tomorrow eve and button it up.

Tracking and linearity are good and I wont worry about that at all. A quick clean up on the cabinet and knobs and she is ready for service.

I powered up the 32S1 to see if it smoked but no smoke. Maybe try to make power with it tomorrow and then check cw and ssb op.

Thats the up to the minute report on the Collins stuff so far.

73, Mike

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Spencer Petri <spetri@e-tex.com>
Subject: 6 Mtr Es
Message-ID: <m0vIRR3-0002GQC@e-tex.com>

6 Mtrs open tonight from EM 21 to Arizona.

73 de Pete WA5JCI

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: spr@earthlink.net (Scott Robinson)
Subject: 6550 tubes
Message-ID: <v01530501ae9aef995b84@[153.34.197.80]>

Folks,

I used a pair of Svetlana 6550C's in a Macintosh 60W amplifier I was fixing for a friend (not to worry, I am NOT a golden ears type) and they worked fine, as well as the one pair of GE 6550's that I have and won't part with. At \$20 each, theya re the only wasy to fly. I have no data on their RF performance.

Regards,

Scott Robinson
spr@earthlink.net
"Wait'll he puts on his stereo headphones..."

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Allied-Knight Y-726 Knobs
Message-ID: <UPMAIL03.199610300100370027@msn.com>

Hi Gang, you know it never hurts to ask... Anyone got a couple of spare or in your junk box, Y-726 knobs, same as the R-100, I think?
Let me know as your retirement is insured by me. Hope you like Meadow Grass for DinDin every nite.

Your Friend Al
fritsche@msn.com

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: w4bld@juno.com (Robert B. Kerby)
Subject: Amperite Tubes FS
Message-ID: <19961028.202817.5071.6.W4BLD@juno.com>

Hello Gang - I have a number of Amperite 115N060 time-delay tubes for sale. If you need any of these critters, please contact me. The price is \$5.00 each plus shipping. They can go Priority Mail for \$3.00 each.

Bob Kerby - W4BLD
POB 991
Waynesboro, VA 22980
(540) 942-4356
W4BLD@juno.com

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: BRIDGERS@gonzo.ccl.org
Subject: AN/SRR-13A info needed...
Message-ID: <961029154735.20408e67@gonzo.ccl.org>

Fellow BA'ers

Friend of mine picked up an AN/SRR-13A RCA radio receiver that weighs in at roughly 70 lbs. Appears to cover .5 mHz to 32 mHz. Shows it was made for Navy Dept of Bu of Ships...

Does anyone have additional info on this receiver, and where I might be able to get a manual...?

Thanks in advance.

73's

Tom KE4RHH Bridgers@Leaders.CCL.org

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: W2CRS@aol.com
Subject: Another NC- 101X Schematic needed
Message-ID: <961029172710_1113680273@emout05.mail.aol.com>

Merv, K9FD, earlier today asked for a NC-101X schematic. Please, someone, make two photocopies and send me one, too. Copies of the entire manual would be even better.

Of course, will reimburse your costs.

73, Doug W2CRS

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: Are you an "elmer?"
Message-ID: <1.5.4.16.19961029075550.341767f2@pop.pipeline.com>

Good evening folks,

This is the second and last time I drop this on the BA list.

While the BA relation is a little loose, I can't think of a better place to find the person I'm looking for. :-)

Besides, I wanted to do another "Larry's Famous Free Stuff List."

This one is restricted to Elmers and students guys, no cheating please... :-)

Scene one, the story set up:

As my collection of repaired, restored and otherwise usable test equipment continues to grow I face a small dilemma....

To Wit:

I now have a number of homemade sand-state pieces of test equipment surplus to my needs. And some firebottle based, very modified pieces. (Eico, etc.)

Scene two, the subjects:

List includes: power supplies, pulse gen, sig. gen, function gen, Eico sine/square gen. etc.

Misc. usable but older parts, excess resistors, caps, and sand state stuff.

None of this equipment would ever be considered collectable.

Construction ranges from pretty good -to- thrown together.

Most items have experienced multiple mods since first built.

(And show it.... :-)

Most built in junk chassis and cases from cast off other stuff.

All at least work, most work pretty well (as designed.)

Scene three, the background:

I do have notes and/or photocopies of the magazine articles the design was based on, when it came from one. Modification notes, diagrams, hand written diagrams, etc. all included.

Scene four, the characters:

Anyway, if there is an Elmer out there, with poor but deserving students, Boy or Girl Scout ham club, low income school district club, Big brother program, or ? Have I got a deal for you...

Scene five, the pitch:

I'd like to get the shipping costs, 20-30 lbs to ?
Would consider waiving even that for the right cause.

Scene six, the rules:

In case of multiple responses, my standard rules will apply:

Winners will be determined by:

- 1) Tell me why you need/want them.
- 2) Bonus points to anyone who has sent me a manual, helped me find a part, or provided advice, (good or bad, it's the effort that counts. :-) or sold me something at a reasonable price.

Winners will be determined any darn way I feel like.

Judges decision is final.

-Larry Ware

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Factory trained HP, Tek. & Fluke Surgeon on staff.
Good Home Guaranteed or double your junk back!
lrware@pipeline.com, - Orlando, Florida -

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996

From: Larry Godek <AZCOT@gnn.com>

Subject: re:ART-13 coverage

Message-ID: <199610300244.VAA20799@mail-e2b.gnn.com>

In response to all the queries concerning the coverage of 160 meters or so with the ART-13, If your unit has the "CDT" (think thats the right name for it) oscillator deck in the front panel and you have the proper crystals plugged in, you can operate 160 meters. The only CDT panel I have seen was in an T-416B/ART-13 unit. Slang language for it was the "B" model. Somewhere in the garage I have documentation on the unit. Coverage was then 1.5 to

2.0 mc and 2.0 mc to 18 mc.

There were 2 different LF osc panels for the front of the transmitter but I believe both of them only provided for 200 to 600 kc operation. In addition to the CDT panel, it was necessary to add a 4 prong connector and some wiring to make it work. Haven't seen one for some time so my remembrance cells are a little sluggish.

Hope this clears up some of the air.

Larry Godek
AZCOT@gnn.com

Gilbert, AZ. 85233

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: jkh@lexis-nexis.com (John Heck)
Subject: Article Needed
Message-ID: <9610292116.AA13130@beans.lexis-nexis.com>

Folks,
If anyone has a copy of "Electronics Now" from March 1994, and is willing to copy an article for me, please get in touch. The article is titled "The Lost Art of Regeneration; regenerative receivers", by Charles Kitchin. I have the text to the article but do not have the graphics, schematics, etc. Thanks!

Regards,
John Heck, KC8ETS
1009 Donson Drive
Dayton, Ohio 45429
(513)865-7036(work)
jkh@lexis-nexis.com

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: "John H. Dilks III" <oldradio@worldnet.att.net>
Subject: Atwater Kent Time Capsule Opened Oct. 25th - Philadelphia
Message-ID: <19961029110439.AAA7149@LOCALNAME>

To all,

Atwater Kent Time Capsule Opened Oct. 25th - Philadelphia

It was quite a ceremony attended by the Atwater Kent Family, City Officials, Vintage Radio Collectors and Hams. Dedicated on May 21, 1929 it remained sealed until October 25, 1996. You can read about this historic event, see some photos and learn what was found inside at the New Jersey Antique Radio Club's Web Page:

<http://www.globalent.net/oldradio>

Check back often, as several other articles about Atwater Kent, his factories in Philadelphia and this historic event will be added to this site over the next two weeks.

73' John Dilks, K2TQN < Bringing Radio History to Everyone, via the WWW. >

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.=====
| 73's from John H. Dilks, K2TQN, oldradio@worldnet.att.net |
| .^. Collector of early Wireless Radios & Books. .^. |
| ( ~ ) Always looking for well-made Home-Brew Radios. ( ~ ) |
| ___[_]___ Member of the New Jersey Antique Radio Club ___[_]___ |
| Meets the second Friday of each month at 7:30 p.m. in Freehold, NJ |
|=====
| NJARC is on the WEB - http://www.globalent.net/oldradio |
| Check us out! |
|=====
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From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: nielw@ix.netcom.com (Niel Wiegand)
Subject: BC745/Pogo-Stick Radio Help Needed
Message-ID: <199610290506.VAA28250@dfw-ix9.ix.netcom.com>

I bought a BC-745 / "Pogo-Stick" radio this past weekend. This is a 9 tube xtal controlled rcvr/xmtr for 80mtr AM. The radio is built into a 7" cube towards the top of a 4' long stick. Extending the built in telescoping antenna to 11' puts the operator on xtal controlled channel between 2 and 6 MHz.

I would like to try this out but I need the tuning unit for 3825KHz. The tuning units are marked BC-745 with a big number on the side indicating a channel number (I think I need channel 9). They are about 3"x1"x4" with a cloth strap for a handle and a porthole in the side to view the xmit xtal freq (3825). Inside are two ft243 xtals, a couple of plug-in coils marked 3825 and a variable cap. Does this sound familiar to anyone?

I also would like a copy of a manual.

Thanks es 73, Niel - WA5VLZ

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: aa4rm%amos@mathcs.emory.edu (AA4RM's)
Subject: Re: Best / Worst knob layouts
Message-ID: <9610292250.AA03091@amos>

The Breting 12 BFO knob is UNDER THE CHASSIS!

MR

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: marty@aa4rm.radio.org (locale for Marty Reynolds)
Subject: Big Radar - sequel
Message-ID: <199610300405.XAA13916@aa4rm>

You are the five folx that wrote back.

Excuse me for copying boatanchors on a limited-interest subject. But there's an amazing story here.

Two of you have been posted that the RA68A rectifier & BC984A modulator were from a SCR584, not a SCR 270.

SCR 584 was subject of a PBS called "Eyes of War." Balto Historical Electronics Museum (HEMus) has the complete one.

And now the REST OF THE STORY!

Today I called Fred Dyer, ret. Ga Tech Radar Branch. He knows that stuff. It was p/o a new SCR 584 delivered to Ga Tech in 1966 by DOD.

Reason was Chinese had bought a bunch of them fm. a Boston Surplus dealer who assembled complete systems offshore. They were interfaced to some French rapid fire 90mm AA thing & worked glamorously. Cud bring down a US helicopter in seconds at 8 mi.*

Ga Tech got contract to devise ECM to beat the then-23-yr-old ordnance. Dwyer didn't elaborate on success, only said everyone was in drooling in awe of design triumph upon design triumph that was the '584.

Bet Chinese still have several '584s. HEMus take note!

He went on to note that the Skysweeper was a successful follow-on to the '584. But the final radar-trained AA thing, the Sgt. York,

was a complete flop 'cause the huge AA cudn't fire fast enuf to keep the servo loop stable - it just ladled shrapnel haphazardly all over the sky - & AF General Meagher was warned but said "academics, buzz off - we'll make York anyway"

That 584 scrap is probably fm the last unit ever built.

And the FPS/CPS-6 stuff is a mystery to Fred. However I have one Tom Miller's name who's still @ GIT that'll know. Fred thinx it was stored & never used but there's a Dymo label on P-S that says "stop radiation experiment before changing filter."

Think some lads were making coffee w. a 5MW DEW-line radar?

More later if anyone's interested.

Write if you'd like name of present, temporary, owner - one Mr. Warner of Duluth, Ga.

M

*the Ruskies had a anti-chopper called the "gun dish" that was a huge array of 20mm things trained by a SCR584-ski. A helicopter's life expectancy in front of one was 15 sec.s. US devised low-alt tactic to keep choppers under tree-top level but SCR584-ski wud illuminate 'em, take out trees & choppers in 30 sec.s. US even tried periscopes thru rotor shaft.

Too bad. USSR thing beat us with physics rather than buttonage

Hey... QT on everything! This is all probably still classified.

Send ur 6SN7s to me @ sing sing. Fred & I'll be playing bridge.

Two no-trump.

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: integrat@usr.com (Integration Area)
Subject: Re: BIG radar parts
Message-ID: <2761E6E0.3000@usr.com>

The good people at the Historical Electronics Museum would KILL for that SCR-270 stuff. If anyone has contacts there, please advice them before the stuff gets scrapped (always a danger with this big old stuff that only a few nuts would want).

William Donzelli

integrat@usr.com

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996

From: Al Klase <alklase@prolog.net>

Subject: Re: BIG radar parts

Message-ID: <199610300034.TAA12293@ns1.ptd.net>

At 08:17 AM 10/29/96 -0600, William Donzelli wrote:

>The good people at the Historical Electronics Museum would KILL for that
>SCR-270 stuff. If anyone has contacts there, please advice them before
>the stuff gets scrapped (always a danger with this big old stuff that
>only a few nuts would want).

>

I have no contacts. And I lost the original post. The phone number for the Museum is 410-765-3803. (Baltimore, Md. area) I guess if no one else has made contact, I'd drop a dime on them if someone send me the original information.

73, Al

Al Klase - N3FRQ
alklase@prolog.net
Flemington, NJ

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996

From: "Ray L. Mote" <rmote@rain.org>

Subject: Re: BIG Radar Parts, etc.

Message-ID: <Pine.SUN.3.95.961028195703.25435B-1000000@coyote.rain.org>

AN/FPS-6: Made by G.E. in 1955

Fixed installation, long range, high power height-finding equipment for furnishing height information to an associated search radar. Frequency range: transmitter - 2700 to 2900 Mc; receiver - 2730 to 2930 Mc.

Requires 120/208VAC 60 cps 3 phase. NOTE: The FPS-6A was made by G.E. in '56.

AN/CPS-6A: Made by G.E. in 1954 (strange, in view of above...)

Fixed installation that provides early warning search, multiple GCI, and height finding facilities. NOTE: The AN/CPS-6B (1955) was similar, but added MTI (Moving Target Indicator), projection PPI, and beacon facilities.

Another source shows the FPS-6A on contract AF30(635)-5688, MIPR-59-62385-93306, with G.E. (Syracuse). T.O. 31P3-2FPS6-1 (covered

FPS-6/6A/6B, FPS-90, MPS-14) Power output was 5MW(peak), range 300 NM.
Source also shows list of equipment (probably of no interest to
BAfolk).

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA ex-W6RIC

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Robert Nickels <ranickel@mwci.net>
Subject: Christmas came early this year!
Message-ID: <3276D648.74C1@mwci.net>

Fellow BA'ers,

A recent thread examined possible ways to discover the BA of your
dreams, such as yard sales, flea markets, and so on. Someone
mentioned that "word of mouth" is the best way, and based on today's
experience I'm here to second that vote!

Have you ever pulled into your driveway after work to find a ham
buddy sitting there in the rain with a car full of BA's to give you?
Yep, thanks to Tom, KA9NEA, my garage is a bit further from being
empty. He'd "cleaned out" the BA collection of a local fellow who'd
accumulated gear but never got past SWling, and was moving from the
area. Tom knew I'd give a good home to the stuff he didn't want!

Among the new arrivals: Knight T-60, Heath HG-10 VFO, Allied speaker
Globe DSB-100, Globe 755 VFO, and (drum roll please) - a B&W 6100!
Cost to me? Help fix up the Drake SPR-4 and Yaseu Frog 7 that
he wanted, along with the R390A that he went to buy in the first place!

Moral of the story: They're out there! Pass the word that you are
interested in BAs and while your ham friends may think you're nuts,
they will remember you when they run into "some of that old junk"...

73, Bob, KE0T
ranickel@mwci.net

LOOKING FOR: Drake "4" line large tuning knob and one of the
small knobs used on SPR-4....Thanks!

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: Collins Trivia
Message-ID: <s275c5bb.031@nms.com>

Did Collins ever produce anything that will transmit on 160 meters besides broadcast transmitters?

160 is an excellent band and I'd hate to think I won't be able to use my favorite brand of BA on "Top Band"

The only one I can think of is the ART-13 ??? Not sure that one goes down that low?? 1.8mhz?

Thanks.....73.....Glenn N2BJG gfiner@nms.com

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: wd4mgm@ix.netcom.com (CARL WHITAKER)
Subject: Re: Collins Trivia
Message-ID: <199610291408.GAA16412@dfw-ix9.ix.netcom.com>

You wrote:

>

>Did Collins ever produce anything that will transmit on 160 meters
>besides broadcast transmitters?

.Glenn N2BJG gfiner@nms.com

Go ahead and get a KW-1, they do 160 meters.
(snicker,snicker,..grin,..grin)

Carl
WD4MGM

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: Re: Collins Trivia -Reply
Message-ID: <s275cce1.036@nms.com>

Thanks for the reply Jay

Jay Miller said;
re>Hi Glenn- The only amateur transmitter made by Collins Radio
>Company for use on the 160-meter band was the KW-1. Only 150
>were made (costing \$3,850.00 in 1950) and about 100 have been
>accounted for today <snip>

What about Collins made transmitters for the military? Can any of

those be fired-up on 160? ART-13 ??

73.....Glenn N2BJG gfiner@nms.com

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: Re: Collins Trivia -Reply
Message-ID: <s275e145.055@nms.com>

Hi Cal,

re>The ART-13 will do 160 (albiet to a limited degree). I have some
>friends who are working on those monsters right now and I'm waiting
>to see what the results are. Cal.

The Fair Radio catalog says the freq coverage starts at 2mhz. Do you
know what your friends did to extend the coverage below 2mhz?
(add inductance to the PTO circuit?)
Anybody else out there ever modify an ART-13 for 160m ?

73.....Glenn N2BJG gfiner@nms.com

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: Neal McEwen <nmcewen@metronet.com>
Subject: Re: Collins Trivia -Reply
Message-ID: <32765A0E.216C@metronet.com>

Glenn Finerman wrote:

> re>The ART-13 will do 160 (albiet to a limited degree). I have some
> >friends who are working on those monsters right now and I'm waiting
> >to see what the results are.

I had one of these beautiful babies on the air about 35 years ago. I seem
to recall that there was a low frequency plug in. Has my memory faded? Or
is there such a thing?

--

73 de K5RW, Neal McEwen nmcewen@metronet.com - Richardson, TX (Dallas)
WWW Page for Telegraph Key Collectors and Historians
<http://fohnix.metronet.com/~nmcewen/ref.html>

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: "William B. Ross" <billross@txdirect.net>
Subject: Re: Collins Trivia -Reply

There was a time when 160 meter operations were either not allowed or so reduced that most equipment for 160 was considered junk. There was a low frequency oscillator adapter for the ART13 that installed behind that blank spot on the front of the cabinet and most people removed and often threw them away. Maybe you can find someone who has one of these LF oscillator adapters in their junk box.

Bill Ross K5LLK

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: badger@telalink.net
Subject: Re: Collins Trivia -Reply
Message-ID: <2.2.32.19961029214318.006ade60@telalink.net>

>
>> re>The ART-13 will do 160 (albiet to a limited degree). I have some
>> >friends who are working on those monsters right now and I'm waiting
>> >to see what the results are.
>

Not as old as most, but my T-195 does 1.5 - 20 MC
I know Collins made R-390s and maybe some '392's, but did they make any of the
T-195 transmitters???

Tom Norris
KA4RKT
badger@telalink.net

>

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Michael Sullivan <michaels@kc2kj.k2nesoft.com>
Subject: Re: Collins Trivia -Reply
Message-ID: <3276BB48.27D64071@kc2kj.k2nesoft.com>

Glenn Finerman wrote:

>
> Hi Cal,

>
> re>The ART-13 will do 160 (albiet to a limited degree). I have some
> >friends who are working on those monsters right now and I'm waiting
> >to see what the results are. Cal.
>
> The Fair Radio catalog says the freq coverage starts at 2mhz. Do you
> know what your friends did to extend the coverage below 2mhz?
> (add inductance to the PT0 circuit?)
> Anybody else out there ever modify an ART-13 for 160m ?
>
> 73.....Glenn N2BJG gfiner@nms.com
There is a 500kc gap on my ART-13 between the top of the low frequency
vfo (1500 kc) and the beginning of the "standard" ART-13 freq. range of
2.0 MC to 18 MC.
--
Michael E. Sullivan
<http://kc2kj.k2nesoft.com:8080/Merchantville>
Merchantville, NJ - 5 miles from Philadelphia, Pa!

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: George Humphrey <gah@koyote.com>
Subject: Dumb Capacitor Question
Message-ID: <199610290401.WAA23443@mail.koyote.com>

BA Gang

Thanks for all the responses to the question in subject.
I got 16 answeres in a short time, and all agree. You
guys are great.

73 George KC5WBV

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: Stanley Siegel <siegels@turing.law.nyu.edu>
Subject: For Sale
Message-ID: <s2764b0e.001@turing.law.nyu.edu>

I have a number of items for sale, which I am listing here before I put
them into the yellow sheets:

(1) Radiotron Designers Handbook 4th. I have two, and need only one.
The one for sale is in good condition. Price \$80 plus postage.

(2) Hammarlund HXL-1 linear amplifier. I bought this a while ago, and
since then have acquired a National NCX-2000. Now I have one amp too

many. This amp is absolutely brand-new, with original box and manual, last production Hammarlund. Never on the air. I have tested it, and it has one defective filter cap (IF I remember, its a 450 volt 100 mfd), which may be able to be reformed, and if not, easily replaced. I will sell the amp at my cost, \$500, plus shipping, in its present state. If the buyer wants me to replace or reform the cap and warranty the performance of the amp, I'll do that, but then the price goes up to \$550. This is a really beautiful piece of work, with 2 572B's in the output, with a genuine 1500 watts or so of PEP input. It is an item for a collector, both prettier and more beefy than the 30L-1.

3. I still have a Boonton 92D digital millivoltmeter, laboratory calibrated, for sale at \$200. This is well below my cost, and about 1/4 of the cost charged by Tucker for the same instrument.

Anyone interested, please reply by private email to this address.
Thanks, Stan, W6TJS

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
Subject: For Sale: Collins 75A4 Receiver

I am posting this for a friend who does not have access to the net.

He has for sale a Collins 75A4 serial # 3606 with spinner knob in very good condition. Asking price is \$900.00.
Contact Mike Ludkiewicz, W1DGJ Tel. 413-583-6678

Do not reply to me. Contact him directly.

----- Forwarded message ends here -----

----- N O T I C E -----

Please do not email me regarding this message. It is a re-post from the newsgroup rec.radio.swap. All inquiries must go to the person making the post at the email address above... not me!

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996

From: W2CRS@aol.com
Subject: Former Mystery Tx, Utah Junior, on air!
Message-ID: <961029141113_134058501@emout11.mail.aol.com>

Boat people,

The 1938 Utah Junior is ready for action on 3602 or 3885 CW, my only 75/80 meter crystals. It is a one tube 6L6 transmitter, tuned plate, cathode keyed. With 360V on the plate, 280V on the screen and 75 mA plate current on the 6L6, I'm getting just over 6 watts out. I made just one mod, adding a fuse holder and 1 1/2 amp fuse to the primary. Although I bought replacement caps, so far the original ones are holding up OK.

HELP! I need the original documentation for the transmitter.

Also, does anyone have a 1 1/2" by 3" original Utah plate for the front.

Mine is missing (that's why it was so hard to identify, but nothing can stop the boatanchors sleuths) on this otherwise very good to excellent condition transmitter.

ALSO, I sure could use another Hammarlund or equivalent 4 prong coil form so I could try to get it on other bands, AND does anyone have any extra 80M crystals they'd like to sell or trade for 40M or 8 MHz 144 MHz crystals. I would love to get on the 3579 boatanchor net frequency and the 3550 QRP frequency.

LASTLY, does anyone want to make a schedule with me on 3602 KC this evening?

I will be using a Vibroplex bug for the first time so you will be able to identify me by the very fast dots, very slow dashes and crazy sending!!!!

Also, please AM gang, listen for my CW on 3885 this evening.

Soon, I will have documentation on my Signal Shifter and have a 1930's VFO transmitter on the air (my next project).

73, Doug W2CRS

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Eugene Rippen <soundval@foothill.net>
Subject: FS BA's Revisited
Message-ID: <3276D92A.7CB5@foothill.net>

These are items I have previously offered, they have not sold, or I have not received the money in what I

consider to be a reasonable length of time. So, I have done what is normal, I have reduced the prices.

The description (iGî, iFî etc) refers to outward appearance only. Unless stated otherwise they are untested.

Hallicrafters S20R, Needs filter capacitors (Hums) G. \$60.00

Morrow 5BR2 Receiver, F-G. \$35.00

Meissner 9-1006 Signal Calibrator. F. \$35.00

James Millen Antenna Matching Preamplifier, with 3 coil sets 13-15/27-32/19-22.5

Mhz \$50.00
National NCX3 G \$75.00
National NCX3 G \$75.00
Natioanl NCX5 G \$130.00
National NC-109 G \$70.00
Galaxy III, F-G \$50.00
Galaxy V, Mk3. F \$50.00
Galaxy V, Mk2. F-G \$55.00
Swan 270B Cygnet Transceiver, 80-10M, Self contained PS, SSB & CW.
With Mic. With VOX attachment. WORKS. VG. \$160.00

All plus shipping. Please state your name and address when replying.

Eugene Rippen, 105 Donnington, Auburn, CA 95603.

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Tom.Daley@530.gigo.com (Tom Daley)
Subject: fs: 2 items (reduced \$)
Message-ID: <c9c_9610292107@gigo.com>

hello ba people i have two items to sell or trade. i am looking
for gonsets ! prices now reduced - they gotta go ! plus shipping

1. jackson 648a dynamic tube tester. fair/good condition with
some grunge/dirt from tech use. tested several tubes ok but
found it to be more stingee then my tv7u and wouldnt lite the
fil of 6146 up (needs some love and de-oxit). tested other 6v
tubes ok (616, 6sn7, 6au6). has built in roll chart with extra
updates with the newest dated 1974. \$50

2. kenwood kw-30 hollow state am/fm multiplex receiver in fair
shape. front panel good except a pitted chrome strip and missing
one knob. chassis is good with a little rust on power transformer
and on 2 tube shields. missing power cord and one final tube
6bm8/ec182 (uses 2 per channel). has s-meter and stereo lamp !
untested \$20

dont be shy with offers or trades !! located in sacramento 73 tom

--

: Fidonet: Tom Daley 1:203/530 .. speaking for only myself.
: Internet: Tom.Daley@530.gigo.com

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: "William B. Ross" <billross@txdirect.net>

Subject: FS: 4-1000As w/sockets
Message-ID: <32768A38.4C36@txdirect.net>

Non net member friend (W5MEU) of mine has some 4-1000A tubes for sale w/socket \$75 shipped or wo/sockets \$50. He also has a 45 Amp filament transformer that will accomodate two of the above for those of you with big ideas. Make offer on the XFMR. Call him direct in San Antonio at 210-679-6147.

Bill Ross K5LLK

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: "Phillip S. Rutledge" <rut@mcrut.mv.com>
Subject: FS: BA Receivers
Message-ID: <199610291631.LAA00584@bort.mv.net>

Hello BAers,

I have for sale the following items:

* Hammarlund HQ-160 (Ham/Gen. Cov.) receiver with matching speaker (large). Both in excellent cosmetic & operating condition. Receiver professionally aligned by Chris Seig at PIEXX. Everything works. \$225.00 plus shipping. (will not separate speaker) Manual included.

* Drake 2-B with matching 2-AQ speaker/Q Mulitplier. In very nice cosmetic condition and operating condition. Manual copy included. \$150.00 plus shipping.

Thanks & 73==Phil (NH)

Phil Rutledge--KB1G0-- rut@mcrut.mv.com
ARCI#9265=Norcal#1797=N.E. QRP Club#489

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: "Gary E. Norman" <genorman@ix.netcom.com>
Subject: FS: Heath Chippewa
Message-ID: <199610290406.UAA04312@dfw-ix12.ix.netcom.com>

Hello everybody,

I am posting this to the list for a friend who is not a listmember.

If you have any interest, please contact him.

Heath Chippewa Linear amp - Model KL-1 with matching power supply (KS-1) for sale.

The amp is 90% original, the only modifications made were to make it compatible with modern transceivers. This amp is being offered for sale to collectors, it is extremely rare. I would like to sell it to someone who wants a Chippewa, not just an amp. The amp is located in NW Ct., and can NOT easily be shipped. I am offering it for \$500 and would consider trading for an SB-220 or equivalent amp. Contact me at 860-738-3713 after 7:00 PM. John Corini, KA1MDG

Gary Norman, AB1I
genorman@ix.netcom.com

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
Subject: FS: Knight T-60 transmitter

For sale:

Knight T-60 transmitter
80/40/20/15/10m
CW/AM (grid modulated)
Crystal controlled
60W input (6DQ6 final)

Really clean, front panel looks nearly new, one spot on top of cabinet has paint chipped off (over the PA tube, heat damage I guess), but is otherwise nice, chassis inside is super-clean also.

Asking \$75.00 shipped to 48 states (more for Canada, KH6, KL7, KP4, etc)

----- Forwarded message ends here -----

----- N O T I C E -----

Please do not email me regarding this message. It is a re-post from the newsgroup rec.radio.swap. All inquiries must go to the person making the post at the email address above... not me!

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>

Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
Subject: FS: RCA 811

Two RCA 811, new in original box.

\$44 for the pair.

Mike

----- Forwarded message ends here -----

----- N O T I C E -----

Please do not email me regarding this message. It is a re-post from the newsgroup rec.radio.swap. All inquiries must go to the person making the post at the email address above... not me!

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Laird_Tom_N@hpmail1.90.deere.com
Subject: FS:SWAN 350
Message-ID: <H00005a00421f6b1@MHS>

A friend of mine has a SWAN 350 for sale. Very good condx., works well(according to him). I haven't seen it myself. He's asking \$175 for it and he has the manual. Call him not me. He located in Moline, Il. and may trade for a six meter SSB rig.

Ed Davis KA9KCK
309-762-3923

Tom Laird WC9M

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Fwd: For Sale: Collins 75A4 Receiver
Message-ID: <83356.ddillman@igc.apc.org>

----- Forwarded message begins here -----

From: Rhynek <rhynek@aol.com >
Newsgroups: usenet.rec.radio.swap
From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Fwd: FS: Knight T-60 transmitter
Message-ID: <83362.ddillman@igc.apc.org>

----- Forwarded message begins here -----

From: Mustang Maniac <kc5ng@dlep1.itg.ti.com >
Newsgroups: usenet.rec.radio.swap
From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Fwd: FS: RCA 811
Message-ID: <83367.ddillman@igc.apc.org>

----- Forwarded message begins here -----

From: mbale@enteract.com <mbale@enteract.com>
Newsgroups: usenet.rec.radio.swap
From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: vancleef@netcom.com (Henry van Cleef)
Subject: Re: gassy tubes
Message-ID: <199610290514.WAA20520@netcom7.netcom.com>

As Benjamin D. Hall discourses

>

> Hiya folks, a TV-7D/U showed up at my doorstep this evening. It is in
> nearly perfect shape, and seems to work really well. Got a few
> questions however regarding gassy tubes.

>

> According to the manual, after setting up the tube and all sorts of
> preliminary testing, any upswing on the needle when hitting Gas2 means
> the tube is gassy. What does this mean? The tube still works good in
> circuit... Does this mean the tube is bad? Of limited life? Or is a
> little gas okay, but tons of gas not okay? (I'm sure there is an
> off-color joke in here somewhere, but I'll be good...) Is selling tubes

> that show a little gas disreputable? Am I being neurotic?

>

Ben (and everybody else), you want to watch out for what toob testers say. The ultimate toob tester is a circuit the toob is supposed to work in. They are like any other piece of test equipment. They'll give you meaningless numbers unless you know how to interpret them.

So far as gas goes, a gassy tube will have the silver getter all turned white. Power tubes and rectifiers often will outgas in service, and the edges of the getter will turn, but the toob will still function OK. Of course, if there is purple glow between the elements (not on the glass) when the toob is in service, the party is over. Take some time to correlate what the tester shows on various toob types vs. how well those toobs function in the circuit.

Of course, you have to make sure the tester is functioning properly. Do a gas check on an empty socket and see what you get. If an empty socket shows "gassy," then you've got some toob tester fixing to do.

I think about a year ago Stan Griffiths and I both mentioned that none of the places we had worked had a tube tester.

> "When you clock the human race with the stopwatch of history, it's a
> new record every time."

>

--

=====

Hank van Cleef

E-mail vancleef@netcom.com or vancleef@tmn.com

=====

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996

From: "Jim Berry" <basalop@eskimo.com>

Subject: Re: gassy tubes

Message-ID: <199610291342.FAA17504@mail.eskimo.com>

HI Ben,

If you get some info that is not posted to the group, pass a copy over to me. I am curious about that one also. I have tubes made during WWII that actually have a blue glow to them that seem to work just fine. I have found out that pouring the coals to a gassy transmitting tube can cause the tube to fail but let them cook for a while the gas goes away or is at least reduced.

> Date: Mon, 28 Oct 1996 19:43:10 -0600 (CST)
> Reply-to: bdhall@ghgcorp.com
> From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
> To: Multiple recipients of list <boatanchors@theporch.com>
> Subject: gassy tubes

. Got a few
> questions however regarding gassy tubes.
>
> the tube is gassy. What does this mean? The tube still works good in
> circuit... Does this mean the tube is bad? Of limited life? Or is a
> little gas okay, but tons of gas not okay? (I'm sure there is an
> off-color joke in here somewhere, but I'll be good...) Is selling tubes
>
> 73,

Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)
Email: basalop@eskimo.com FAX: 360-659-1360
Ham Digital: K7SLI @ K7SLI.#NWWA.WA.USA.NA

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: John Shriver <jas@shiva.com>
Subject: Re: gassy tubes
Message-ID: <199610291442.JAA28659@shiva-dev.shiva.com>

The badness of gas in a tube depends on the application.

What the gas test on the TV-7*/U really tests is grid emission --
negative grid current.

The GAS1 button sets up the tube with a rather large series resistor
between the BIAS pot and the control grid. Pushing GAS2 increases
this resistance. If there is grid emission, the voltage at the
control grid will go up due to the current through this resistor.
(I believe the criterion is that the needle shouldn't move up more
than one tick.)

Now, just because the grid is emitting doesn't necessarily make a tube
bad. As Hank noted, it depends on the application.

If this tube is in an IF amp, where the grid is connected on one end of the secondary on an IF transformer, and the other end goes to ground, it will work FINE. The DC grid circuit resistance is very low, the negative grid current won't work up a voltage.

On the other hand, if it's in an RC-coupled amp, and the resistor from grid to ground of 0.5 megohm, you may be in big trouble.

However, the presence of gas in the tube may be a warning of trouble to come. The gas (liberated from the plate metal, usually) will start poisoning the cathode coating. The emission is going to fall off at some time.

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: Dan Kerl <dlkerl@ro.com>
Subject: Re: gassy tubes
Message-ID: <327626D6.688E@ro.com>

Benjamin D. Hall wrote:

<snip, Jack...>

> According to the manual, after setting up the tube and all sorts of
> preliminary testing, any upswing on the needle when hitting Gas2 means
> the tube is gassy. What does this mean?

I have a Hickok 752 tester with a gas function similar to the one you describe. The tester documentation states that needle deflections less than two or three tic marks on the meter when 'gas 2' is depressed indicate 'acceptable' results on the gas test. YMMV.

> "When you clock the human race with the stopwatch of history, it's a
> new record every time."

"uh,Clem."

Dan Kerl
dlkerl@ro.com

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: mknudsen@lucent.com
Subject: Re: gassy tubes
Message-ID: <9610291852.AA00902@bock.ih.lucent.com>

Keep in mind that in most RF and IF amps, the cold end of the secondary (grid) winding is not returned directly to ground, but goes to the AGC line, which is a megohm or so away from ground.

Grid emission here will pull your AGC voltage down and maybe even positive, leading to strange problems in rx performance. You'll think you have a leaky AGC cap or something.

I once had a little test set for TV servicemen to check RF/IF tubes for grid emission, for this very reason.

BTW, tnx to the previous post by John, I now understand why the Viking II manual warns you to look for negative grid drive current on the 6146 finals as a sign of a tube that's been damaged by overdriving. Apparently sucking too much grid current heats up the grid wires and activates them to become emitters of electrons. Such a tube will "run away" in a hurry.

THis is also an argument in favor of separate bias supplies for audio amps such as modulators and guitar amps. The supply can have low impedance and resist any attempt by the grids to pull it less negative.
73, mike k aa9rg

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: Halli HT-37 from Marion hamfest, manual copy needed
Message-ID: <A4314ZWNYQDAP5*/R=OUVAXA/R=A1/U=POST/@MHS>

Lovers of the glowing cathodes,

A Halli HT-37 followed me home from the Marion, Ohio hamfest last weekend. The table on which it was sitting literally jumped for joy at being relieved of its burden. Missing the octal tubes but the price was right. Need a schematic/ copy manual. Have a variety of mainly Heath manuals for copy trade or will reimburse the usual copying/ mailing costs.

The fuse was the right size and intact but will check out the power transformer as this is apparently a weak spot according to some of the BA archives I have collected.

73, Rich KB8TAD <rpost1@ohiou.edu>
<http://ouvaxa.cats.ohiou.edu/~post/PIX/BA.HTML>
<http://www.library.ohiou.edu/MuseumR&T/museum.htm>

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: anthony@ix.netcom.com (Anthony Severdia)
Subject: Re: Hallicrafters Tx, unknown model
Message-ID: <199610300257.SAA10682@dfw-ix10.ix.netcom.com>

~

The knowledge base of our BAers is absolutely amazing! In less than 48 hours six fellows responded to my inquiry.

They are:

"Andy Howard, WA4KCY" <102452.362@CompuServe.COM>	(WA4KCY)
"William L. Fuqua III" <wlfluqu00@pop.uky.edu>	(WA4LAV)
"Mike O'Brien" <mobrien@lib.drury.edu>	(K0MYW)
johnz@earthlink.net	(WB6JJE)
k6sqj@juno.com (michael e moore)	(K6SQJ)
Larry Godek <AZCOT@gnn.com>	

John Zitzelberger is in the process of rejuvenating an HT6.
Mike Moore recalls others of the early HT series.

MANY, MANY THANKS, FELLOWS!

The consensus is that the mystery Tx is an HT6. Definitely NOT an HT4 (aka BC610). HT9 also came up several times as between the HT4 and HT6 (size and power). This is one I have no recollection of. <g> Anyone know any specifics?

Does anyone have a "nice" HT6 and willing to dispose of it?

--Tony-- W6ANV San Francisco, CA

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: billo@nti.net (Bill Wilson)
Subject: Halloween BA haunts...
Message-ID: <19961030013654810.AAA188@LOCALNAME>

Today like every day I drove by that old two story building in Anniston, Al. about a block from where I work. It is one of those turn-of-the century store front structures with big glass windows. The place has been closed for years now and I never see anyone around. Well today there was some people loading up about four old BA jukeboxes. Hmmm, bet there might be some old BA's in there, somewhere.

I have known about this place for some time. The owner now in a VA hospital was once king of the jukeboxes. His picture was on the walls clipped out of newspapers of him posing with colorfull jukeboxes. He had a "route" according to his wife of installing and repairing old jukeboxes but his health got bad and the demand for jukeboxes must have gotten soft. Anyways with BA's on the brain I went inside....kinda hard to explain. About 75 boatanchor jukeboxes, test equipment, an entire wall of audio amps, boxes of tubes and parts. I went upstairs but was told to be carefull as

the floor has fallen through in the rear. More of the same, no radios but many old coin games and relics of another time. The staircase was creaky and shrouded by massive curtains of cobwebs. I was hoping maybe to find an old Hallicrafters or something but this was not the day. Anyways it was time to go and I gave one last scan for any BA stuff but none was seen. I hope to go back and maybe get some tubes...I know this is a bit off topic but it is halloween and any BA member, I bet, would have given this haunted place a good look.

Happy Halloween,

Bill
AC4LC (soon W4??)
Jacksonville, Al.

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: "David L. Thompson" <thompson@mindspring.com>
Subject: heath knobs
Message-ID: <199610300423.XAA09741@answerman.mindspring.com>

Gary Youney just sent me two of the dull satin 9/16" knobs that match my SB-10. One went on perfect, but the other seems to have an insert making the inside diameter smaller.

Does anyone know why Heath would use a small dia shaft on some of their gear? How do I remove the insert? This dull satin aluminum-like knob was popular in 1959-61 being replaced on most gear with shiny knob.

Dave K4JRB
thompson@mindspring.com

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Heatkit PS3 Power supply schematic
Message-ID: <UPMAIL03.199610300121470825@msn.com>

Gang, just realized, the only piece of BA gear I got around here with out any documentation is, My little immaculate S-38C and my newly aquired PS-3 Heath power supply(fully restored and beautiful). Anybody got one for sell or trade.. Got manuals for the HR-10b, HQ-145, HQ-170a-VHF, Viking Valiant, Halli -S-85, National SW-54, EFJ 6n2, Heath SG-102 SG, IP 38, I think? and anold Heath counter.
Let Me Know

Your Friend Al
fritsche@msn.com

(Please this is a one for one copy, don't have time
to make copies). Thanks

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: Bill Meara <74537.1100@CompuServe.COM>
Subject: How many years of tubes?
Message-ID: <961029095913_74537.1100_EHH58-5@CompuServe.COM>

After reading Rich's post about the Tube Bank I was reminded of a a question that occurred to me while wandering through the tailgate area at the Westminster Hamfest: Assuming that all manufacture of tubes stopped today, how many more years could we keep our current fleet of beloved BA's on the air?

Sharpen those pencils, get out those slide rules - let's hear some estimates. Inquiring minds want to know. Dedicated Anchorologists worry about things like this!

73 de Bill N2CQR

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: bill@skeeter.frco.com (William Hawkins)
Subject: Re: How many years of tubes?
Message-ID: <9610291653.AA05012@skeeter.frco.com>

That's a question that can't be answered because it doesn't just depend on tube life. It also depends on how many collectors 'warehouse' their stuff without using it, and what happens to their collections when they can no longer hold on to them - open market, another warehouse, dumpster.

Regards,
Bill Hawkins (After all, you can still find original 01A's)

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: HW-101 Frequency Dial
Message-ID: <19961029.044425.4407.15.k7yha@juno.com>

Gang:

Anybody got a junque HW-100 or 101 that I can beg, borrow, buy or steal the frequency readout dial from? I need one BADLY. This dial also fits the HW-16 and my HSW-16 dial is broken along part of the edge where the drive wheel gets traction to spin the dial/change frequency. The bottom

50 khz of the band is unusable unless I take the case off the HW-16 and manually turn the dial by hand from the back of the front panel.

Also need a knob set (the light colored, almost white knobs) for the HW-16. If anyone needs a HW-16 meter I have one I'll trade or swap.

73 rich K7YHA

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: anders@autopsy.corp.sgi.com (Greg Anders)
Subject: Re: HW-101 Frequency Dial
Message-ID: <9610290928.ZM21892@autopsy.corp.sgi.com>

This one should probably go in the archives. Bill (W0QNI) in Novato, Ca. is known as the "Heathkit" guy in Northern Ca. Bill buys, refurbishes and sells all Heath Ham gear. He also deals in parts. Bill can be reached at:

Bill Brandenburg
1348 Yukon Way #24
Novato, Ca 94947
415 898-1550
W0QNI

I have no business connection with Bill, he has been a good supplier of parts and a very nice Sb310 for me....

Good luck,

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: mknudsen@lucent.com
Subject: Knob color on NC-173?
Message-ID: <9610291745.AA00831@bock.ih.lucent.com>

Did the NC-173 originally come with gray knobs, black knobs, or buyer's choice, or it changed midway thru production? I.e., which is more correct?

Also, did they have chrome skirts, or all plastic?

Mine has all black and chrome knobs, but many are obviously incorrect replacements for their functions. Even my big tuning knobs are black.

Black looks much better on this gray radio, but that doesn't make it "right."

Folks have been responding to my request for replacements that are functionally correct in their skirt labeling, but many of them are turning up gray instead of black. The photos in Moore and '47 QST ads aren't real clear but they seem to show gray knobs. Pse say it ain't so, but I'll take the truth :-)) 73, mike k aa9rg

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: KWM-2A IF Bleedthrough Fixed (but not elegantly)
Message-ID: <199610300436.WAA18113@lesol1.dseg.ti.com>

Greetings,

I'm glad to report that the IF bleedthrough problem has been fixed, albeit not elegantly. The preselector tuned circuits consist of T3 on the input side of the RF amplifier and L10 on the output side. Now, there didn't appear to be anything wrong with the input side but on the output side, bypassing the bottom of L10 to ground helped tremendously (20-40 dB worth!). Since the bottom side of L10 must be maintained slightly above ground potential in order to allow neutralization signals to be tapped off it, I went looking for other problems in the general area but found none! (And yes, C121 at 220 pf was good.)

After considerable searching and headscratching, I just couldn't find anything specific wrong. So, I decided to experiment. I put a 1000 pf cap in parallel with the 220 pf (C121) which yielded "very good" spurious rejection and set about attempting to neutralize the final and drivers. Neutralization was relatively easy to accomplish by simply tacking in a couple of additional caps for the "driver" and "feedback" paths to maintain the same capacitance ratios.

And now the KWM-2A works just fine. The transmitter's got plenty of output, it's stable and the receiver is relatively free of spurious responses, or at least as clean as most of the other stuff around here. And judging from what listmembers have said, that's about as good as KWM-2's get! So..., I'm planning on leaving it the way it is.

For you Collins purists, I'll say that the changes I implemented are easily reversible, consisting of nothing more than added capacitors tacked in place. I suppose if I had another KWM-2 to compare against I might be able to come to a more definite conclusion. (I don't expect anyone to loan me a KWM-2 to troubleshoot around in, though. I wouldn't.) And if I ever get rid of this KWM-2A, perhaps the new owner will send it off to somebody who's done thousands of these things and knows exactly what the real problem is.

Or, then again, maybe someone on the list has seen this before...

BTW, with the spurious demons banished, this KWM-2A is indeed a nice performing little radio, and a spiffy looking one, too.

Regards,

Bill Sorsby, N5BU bill.sorsby@dlep1.itg.ti.com
Grapevine, TX 76051

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: don merz <71333.144@CompuServe.COM>
Subject: More Gear FS
Message-ID: <961029145211_71333.144_DHB65-6@CompuServe.COM>

Vintage Radio Gear For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

I need to scale back my radio involvement because I want more time "just for livin'." So I am focusing the collection on 30's ham gear, early WWII military gear and homebrew. That's quite enough! Here's what I want to sell:

Hallicrafters SX-62B. Huge 1965 general coverage receiver in the "B" model with the nicer new-look knob style. Made only one year. Big slide-rule dial has caused dial-envy throughout the BA community. This one is near-mint and works almost perfectly. The only flaw is the low BFO injection in CW mode makes CW and SSB ugly to copy. All tubes are the original Hallicrafters brand tubes except one. With manual. This radio is an eye-popping 9.75 on a scale of 1-10. \$300

Matching R-42 speaker for the SX-42 through SX-62. Many cabinet paint dings including 3 big spots on top. But front is excellent. Works perfectly. \$49 Will not sell until I see if SX-62B buyer wants it.

Collins 75A4 receiver. Cream of the crop in HF ham-band radios. Circa late 1950's. This one has 4 flaws: 1) The front panel paint has been lightly touched up in some spots and when the light hits it just right you can see these touch-ups, 2) The band change switch does not rotate the band drum (cord broken?), 3) Some knobs have a pitted look on the surface bakelite, and 4) The antenna connector has been changed to a BNC connector. There are no other modifications and all the other news about this radio is great: A complete electrical restoration including new Peter Dahl power transformer was done by Howard Mills just 2 years ago. It works perfectly on the original Collins spec for the A4. This A4 comes

with the spinnerknob/reduction gear tuning, matching speaker and 3 most-desired Collins mechanical filters (500, 3.1 and 6). Naturally, the original manual is included. \$900 and please treat her well for me.

Hallicrafters SR-160 HF transciever. Nice radio with AC and DC power supplies but AC supply has blown power transformer. Front panel looks excellent or better but one knob is wrong. Cabinet shows that the radio has obviously been mobile. But the overall look is very good. With original manual. \$200

National NC-183D general coverage receiver from the late 50's. Large, beautiful radio in the HRO-60 style desk cabinet and National gray metallic paint scheme. This radio has a few scratches but looks great overall. But it is dead as a doornail with not even any hiss coming from the speaker. The tubes all light up and it doesn't do anything bad. But it also doesn't play. With original manual. \$225 as-is

Matching National speaker for the NC-183D and HRO-60. Gray paint has many scratches. Works fine. \$45 Will not sell until I see if NC-183D buyer wants it.

Military Collins R389 VLF/BCB general coverage receiver. Looks great. Includes covers and meters. All original. Unworking. With manual photocopy. \$200 as-is.

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996

From: Bob Roehrig <broehrig@admin.aurora.edu>

Subject: Re: More SP-600 Cord Woes

Message-ID: <Pine.ULT.3.95.961029101449.10754A-100000@admin.aurora.edu>

On Mon, 28 Oct 1996 n5off@w5ddl.aara.org wrote:

R72 and R73 are not really part of the T-R switching. They are just a voltage divider for the 1st and 2nd IF screen grids. True, they are in the B+, part of which gets opened up in the "send" mode.

> I have two photos from different books, each showing AC bypass caps
> in different locations. My rig has neither. I've traced out the
> transformer primary connections and found no caps, yet I still have
> 44 V to frame on one line and 36 V (AC) to frame on the other line.

What kind of meter are you measuring with - how many ohms/volt if a VOM or are you using a high impedance VVVM or DVM? Normally when there are bypass caps from each side of the line to ground, you will measure 1/2 of the line voltage between the chassis and ground. Since you are reading less, it looks like the source of the leakage is a high impedance and the meter is loading it down somewhat, which indicates to me it may just be capacitance leakage between the transformer primary and the core. If you are using a high impedance meter to measure this,

it may, in fact, not be a problem.

> Also, when I ground the frame to ground the stray voltage, the signal
> acquired by a 8" piece of wire stuffed into the S0-239 drops about 10-20
> dB.
> Was the S0-239 installed incorrectly?

I believe your two problems are not related. The signal dropping suggests to me that the antenna connector is indeed not wired correctly. Like maybe they didn't ground the other side of the antenna input circuit. Measure the DC resistance from the center conductor of the coax connector to ground. It should show almost a dead short. If it's open, then they didn't ground the other side of the original input.

If anything, the signal level should increase when the set is grounded.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: More SP-600 Cord Woes
Message-ID: <Pine.ULT.3.95.961029113406.15641C-1000000@admin.aurora.edu>

On Tue, 29 Oct 1996 mknudsen@lucent.com wrote:

> Say, should an original SP600 have S0-239 coax input, usually
> a right-angle connector up on the RF deck? Mine does, looks as old
> as the set. Or did they originally have to old-fashioned pair of
> screw terminals (for balanced open ladder line) with a swinging link
> to ground one side (as used on old BAs and consumer console radios)?

My SP600 is like yours. It has S0-239 with a elbow on it. My manual shows a balanced "twinax" connector input, however. I wonder if somewhere in production, they changed over. Maybe Robert Fowle can shed some light on this.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: mknudsen@lucent.com
Subject: Re: More SP-600 Cord Woes
Message-ID: <9610291730.AA00813@bock.ih.lucent.com>

Say, should an original SP600 have SO-239 coax input, usually a right-angle connector up on the RF deck? Mine does, looks as old as the set. Or did they originally have to old-fashioned pair of screw terminals (for balanced open ladder line) with a swinging link to ground one side (as used on old BAs and consumer console radios)?

I agree with Bob that strange behaviors w.r.t grounding result when you don't ground the other side of a balanced input. Even the 75A4 requires you to strap one side to ground when using the coax connector (made a big improvement on mine :-). 73, mike k aa9rg

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: "JOHN A. KING (WA1ABI)" <JAK@SUD2.ED.RAY.COM>
Subject: Need manual SB-610 Mon Scope
Message-ID: <01IB7MUQLE2E8WWERL@SUD2.ED.RAY.COM>

Hello all,

I need a manual copy for the Heath SB-610 monitor scope. Will pay for copying/mailing or trade from my manual collection for another manual that you might need.

This little SB-610 that I picked up at the Hosstraders (NH) flea market has seen a _lot_ of use. A property tag on the chassis sez "Property of TRAM Corp." This critter probably tuned up a lot of good buddy radios in its day... I hope to return it to more noble service.

Tnx and 73,

John King WA1ABI

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: Mike LeMoine <mlemoire@snet.net>
Subject: new R-390A cabinets?
Message-ID: <199610290457.XAA21764@daisy.snet.net>

Hi All,

I seem to remember a post not too long ago that described a California company that made new sheet metal cabinets, including one that fit the R-390A. I seem to remember the cabinet price was about \$120.

Unfortunately, I've had no luck locating that post in my old digests. Was I dreaming about a new case for my R-390A or does this company exist?

Best Regards,

Bill Michels
mlemoine@snet.net

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: Ed Kleckner <ekleck@kendaco.telebyte.net>
Subject: OS-11 Scope Schematic
Message-ID: <Pine.LNX.3.91.961029084413.32059A-100000@kendaco.telebyte.com>

Greetings -- Well, today I fired up a OS-11/FGC-5 scope that had been in the garage waiting to be tried. I had hoped to use it for a AM monitor scope and CW waveform monitor. When I first turned it on I got a trace, but when playing around I turned the function switch to "cal" -- big mistake! Hum from transformer area, smoke drifting upward, fuse blows. Murphy strikes! Looks like I'll have to get into the beast and I wondered if anyone has a schematic and/or manual for this multi-tubed wonder? I would be happy to reimburse copying & mailing costs.

73 Ed

~~~~~  
~ Ed Kleckner, N7YQR ~  
~ ekleck@kendaco.telebyte.net ~  
~~~~~

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: tomrice@netcom.com (Tom R. Rice)
Subject: Re: Pinouts on type 30 tubes?
Message-ID: <199610291910.LAA24119@netcom15.netcom.com>

>
> This is true for any tube base like this that doesn't have a keyway,
> up thru the 7 pin jobs. usually the larger 2 pins are filament.
>
> Pins 1 and 4 are filament, 2 is plate, and 3 is grid. Many of the older
> jobs have this same pinout ('01A, 2A3, 10, 12 for example.)
>

Many of these older tubes are of sufficiently open construction that you can actually eyeball the connections by looking through the bulb and tracing them down through the press (glass seal) and into the base.

Another visual experience lacking in today's world.....

--

"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice

tomrice@netcom.com

CIS: 71160,1122

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996

From: JOHN_SEHRING.parti@ecunet.org

Subject: PSST. GOTTA MATCH?

Message-ID: <9610291633.aa23423@pcusa01.ecunet.org>

Try 73 mag, April 96, p. 28 for discussion of Johnson Matchbox & how to build one.

My MB's working FB.

-John Sehring (10/29/96 11:45 am MT @Baker, Montana) UCC wb2eqg

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996

From: rhys@ix.netcom.com (Lawrence D. Wolken)

Subject: Re: PTO Dial on KWM-2 ??

Message-ID: <199610290512.VAA13175@dfw-ix8.ix.netcom.com>

Howdy Folks --

I've just subscribed. What a pleasure to find like minded souls looney just like I am. I guess having been bitten by the bug in the 50's when I started building crystals sets, this must be the logical progression?? Is everyone else sitting at our keyboards in dark basements or garages also surrounded by tall piles of large BA's that could topple at any time and many bins/tins full of leetle teeny parts? What a life!! Ain't it grand.

Working on a KWM-2 and I would like to pull the PTO dial out and clean up those plastic circles with the numbers on them. Is this much of a job? What's the steps to it - any pitfalls - and has anybody had any luck getting them back to white after having apparantly lived with a smoker for many years that turned them sort of dingy grey/yellow? Any light that folks can shed on this would be much appreciated.

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996

From: "Steve Brandt" <sbrandt@usinternet.com>
Subject: Re: Questions, questions...
Message-ID: <19961029040614765.AAA203@sbrandt>

Benjamin Hall wrote:

> Therefore, in very terse terms, Ben's BA Spatial Distribution Theory:
BA's
> will tend to be centered in areas of large population and of relative
wealth
> during the boatanchor area, or in areas where there is a high population
of
> older, wiser folks.

>

That theory would would account for numbers of boatanchors in a particular
area, but not necessarily the types. Here in Minnesota there just don't
seem to be the numbers of National BA's as I hear about on this list but
there are many, many Hallicrafters BA's and a lesser yet substantial number
of Hammarlund BA's. Did boatanchors enjoy regional popularity? Are most
of the good Gonset radios still out on the west coast? Do we have more
Johnson transmitters per capita here in Minnesota than anyone else does?
Is this just my imagination?

Steve Brandt/WA0GKX

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: anders@autopsy.corp.sgi.com (Greg Anders)
Subject: Re: Questions, questions...
Message-ID: <9610290917.ZM21872@autopsy.corp.sgi.com>

On Oct 28, 10:09pm, Steve Brandt wrote:

> Subject: Re: Questions, questions...

> > Steve Brandt wrote:

> That theory would would account for numbers of boatanchors in a particular
> area, but not necessarily the types. Here in Minnesota there just don't
> seem to be the numbers of National BA's as I hear about on this list but
> there are many, many Hallicrafters BA's and a lesser yet substantial number
> of Hammarlund BA's. Did boatanchors enjoy regional popularity? Are most
> of the good Gonset radios still out on the west coast? Do we have more
> Johnson transmitters per capita here in Minnesota than anyone else does?
> Is this just my imagination?

>>>>>>>Come to think of it I have seen quite a few Gonset G76s in the last
year or so. In fact one friend has purchased three... However, that
doesn't account for the plethora of National receivers here unless

its an "opposite coast" corollary to the theory...

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: Re: Questions, questions...(or how to be a loudmouth)
Message-ID: <s275c417.028@nms.com>

I think you have the right idea Bill.

```
re>That's right, how to be a loudmouth. Let everyone you know
>(uncles,mailman, friends & so on) you are looking for old radios
>(tv's in my case) and put up signs, placards and ads in the paper.
>Once people remember you are looking for this "old nasty junk"
>you will be greeted with all types of stuff from all types of folks.
>Most of the stuff I get comes from "word of mouth". I let people
>know I ain't in it to make a buck, I just collect it.
```

I've had poor luck finding BA's outside of hamfests. The xyl and I have checked-out literally hundreds of garage sales and flea markets and have found absolutely nothing! I'll keep on looking and I'm going to try some tips offered by list members. I recently received a letter from Gary Harmon with a nice "business card" with his name, callsign, address, and some mention of collecting "real radios that glow"...etc... Great Idea Gary!! I'm in the process of designing my own with maybe a Collins logo somewhere on the card, maybe a mention of "boatanchors wanted" This way when you meet someone that has a friend, who knows a friend, who's got a KW-1 for \$100.00, you can give them that card so they can call you when they want some cash for that old junk!

How about some ideas for catch phrases to put on that card? (ones that non-hams can appreciate)?

73.....KEEP LOOKING!!!!!!!!!!!!.....Glenn N2BJG

gfiner@nms.com

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Mike LeMoine <mlemoine@snet.net>
Subject: R-390A cabinet source found
Message-ID: <199610300355.WAA01521@daisy.snet.net>

Hi Folks,

First, thanks for the numerous responses. This list is the greatest!

The company I was looking for is Premier Metal Products in Fontana, CA. Their telephone number is 909-829-3089 and they have a free catalog. You have to order by dimensions only. They don't know which cabinet will fit your boatanchor.

I'm going to get their catalog first and then order. I'll report back to the list after I get my cabinet.

I'm most concerned about how sturdy the sheet metal is. In an age when most new products are made out of plastic, it'll be heart warming to find a company that makes good, strong, metal cabinets.

Best Regards,

Bill Michels
mlemoine@snet.net

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Bill Moore <bill_moore@mevatec.com>
Subject: Radios, Junk and misc for sale
Message-ID: <961029.204655@mevatec.com>

Prices are plus shipping. You can call at 205 880 1207 for further info. Trades for Pilot Items are always welcome. You can email me at work bill_moore@mevatec.com for faster response. Thanks

1. Newark Electronics 1949 catalog, radios, tvs and ham gear, complete but tattered \$10
2. Saba German radio, large motor driven table radio from the late 50s \$225
3. RA DA instruction sheet for 1922 Westinghouse, Full color reprint \$5 pp 4.
4. Pilot model T530, large wooden multiband table set. Good condition. \$75
5. Zenith bakelite, 1939 model 6d314 Stein has it listed as 314, looks like locomotive, very nice condition \$120
6. Pilot T601 Fm tuner 1946 vintage in wood cabinet, looks to be complete and in good condition. \$20
7. Minerva Small wood table model, unusual as it consists of shaped pieces of maple glued together. Its complete, but needs work as its been in a damp place and the glue has loosened. \$20
8. Pilot model sa-260 audio power amp, has tubes \$200
9. Fold out Radio Map of the US good condition, some Yellowing, looks to be 40s vintage. \$10
10. Pilot "Midget" 1st series cabinet with bezels and grill cloth \$135 or will

buy parts set.

11. ARRL Handbook: 64-nice condition \$8 12. WE transistor PA Amp. Looks to be new. Comes with NOS pair of 8" outside university PA horns. \$22
13. Capehart model 111k2FM radio/phono. Very large set, seems to be complete with automatic changer and manual, 22 tubes, 1940. Has old FM band and SW. \$175
14. 1935 catalog from "Burris Supply" in Los Angeles. Depicts mostly west coast sets 67 pgs \$ 12
18. Bogen Power amp cha-33 with phono built into cage \$22
19. Ford/Philco model novelty car radio, in 1967 given away when they were test driven. rough shape \$9
20. AK 165 Cathedral grill cloth. This is the original grill cloth on a hard cardboard backing. very nice condiion \$12

Tubes

Used-Checked on TV7

1. 6L6GC Made in England, branded National Electronics \$12.00
2. RCA 12ax7 \$2.00 ea
3. RCA 5751 \$2.00 ea
4. Mullard Ecc33 \$6.00
5. RCA 6146 \$5.00
8. GE 6087 \$5

New Tubes

RCA 7025 \$6

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996

From: JOHN_SEHRING.parti@ecunet.org

Subject: REVIEWERS AHOY!

Message-ID: <9610291633.aa23760@pcusa01.ecunet.org>

Would anybody be interested in reviewing a magazine manuscript via email on a subject near and dear to every BAers heart?

Please email me directly if interested. Thanks!

-John Sehring (10/29/96 2:10 pm MT @Baker, Montana) UCC wb2eqg

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996

From: "Allan Fritsche" <fritsche@msn.com>

Subject: S-meter Pot for the HQ-145

Message-ID: <UPMAIL03.199610300100380419@msn.com>

Gang, still pleading, Anyone got a "300 OHM pot" to repair the s-meter adjustment on the HQ-145. Got a 500 in with a paralleled 270 ohm or some such value but something is not right.

GEEZ, why a 300 Ohm pot for God Sakes.
Let me Know.

Your Friend Al
fritsche@msn.com

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996

From: "Grant Youngman" <nq5t@gte.net>

Subject: Re: S-meter Pot for the HQ-145

Message-ID: <199610300112.TAA24404@mail1.gte.net>

> Gang, still pleading, Anyone got a "300 OHM pot" to repair the s-meter
> adjustment on the HQ-145.

Well, 250 ohms is a readily available value. A 47 ohm fixed resistor on one end or the other ought to do it, with enough adjustment range to get the meter to adjust properly,

Grant/NQ5T

Grant Youngman / NQ5T

nq5t@gte.net
<http://home1.gte.net/nq5t/index.htm>
Double Oak, TX -- nr Dallas

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996

From: Merv Schweigert <k9fd@htc.net>

Subject: Schematic needed

Message-ID: <9610291323.AA05589@ns.htc.net>

Restoring a NC101-X and need a schematic for one with the S meter. Have the NC100 info and its not correct. Also have the NC-101-X with tuning eye. Or if someone has the modification info to put the S meter in that would work fine, I think National published this info in QST in thier adds. Thanks and usual costs etc.etc. 73 Merv

//////\
(# #)

-----o00-()-00o-----
:
: Merv Schweigert K9FD Collector of Keys, "Bugs", :
: 9694 S. Prairie Road Paddles, Code related gear :
: Red Bud IL 62278 Crystals and Old Heathkits :
: E-Mail k9fd@htc.net Old National HRO NC101 Etc :
: Ph. 618-282-3953 Always looking please call :

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: djw@unlinfo.unl.edu (Daniel Wright)
Subject: Smelly Magazines!!
Message-ID: <9610291857.AA18547@unlinfo2.unl.edu>

Greetings!

I just aquired a bunch of CQ and QST magazines from the 50's
and 60's and they really STINK!!!! I guess it's mildew or
something. Doeas anyone have any idea how to un-stink these?
I just brought five of them to work today and they are drivin'
folks out of the office (which ain't all that bad (;->)!!!!

Thanks es
73 de Dan -- WA0JRD ..
djw@unlinfo.unl.edu

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: Re: Smelly Magazines!!
Message-ID: <19961029.220817.4407.1.k7yha@juno.com>

Gang:

Something I learned after dealing with a very mildewy Transoceanic case:

Place the offending case (in this instance, magazines) in a plastic bag
and throw in a pound of CHEAP coffee (the ground kind, not the beans!)

and tie the bag up. Leave it for a couple of days. The coffee absorbsthe
smell of the mildew. (OK, I'm ready for all the one-liners about Juan
Valdez, his donkey, getting the lust for doughnuts when you are reading
an OLD QST treated in this manner....etc.)

73 rich K7YHA

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Re: Smelly Magazines!!
Message-ID: <Pine.GS0.3.93.961029155110.5504C-100000@uhunix2.its.Hawaii.Edu>

> I just aquired a bunch of CQ and QST magazines from the 50's
> and 60's and they really STINK!!!! I guess it's mildew or
> something. Doeas anyone have any idea how to un-stink these?

Hmmm, sounds like blasphemy to me. I *love* the smell of those old
mags! I once ordered all back issues of 73 Mag all the way back
to issue #2 (I think Wayne asked \$6/yr) and what a lovely musty
smell that collection had.

Anyway, you might want to try setting them outside in the sun (our
highs here in Hawaii are still in the upper 80s - just thought I'd
brag a little).

> Thanks es
> 73 de Dan -- WA0JRD ..

Is that a "dit dit"?

73 de KH2PZ VA . . (VA is the sailor's SK)

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: Liles Garcia <liles@bitinc.com>
Subject: SP-600 Antenna Input Connector
Message-ID: <199610292222.0AA24694@zephyr.bitinc.com>

Good afternoon Fellow Boatanchor Buddies,

My SP-600-JX-10 has the S0-239 connector for the antenna input also.
The connector points vertically upward from the flat top of the RF
deck. Hope that this input provides another data point. To
clarify my point, the S0-239 is a straight-thru type.

Regards from Aloha, Oregon,

Liles Garcia
liles@bitinc.com

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: mack@mails.imed.com
Subject: Styrofoam Peanuts
Message-ID: <9609298466.AA846608450@mails.imed.com>

I echo Richard Hager's opinion of peanuts. They need to be packed very tightly or the stuff inside the box will shift during shipping. This is a common phenomenon. Any time you have small particles and large particles mixed together, the smaller ones shift together until they pack closely. The effect is that the small pieces go down and the big pieces go up. It's what makes fields back East "grow" rocks.

Ray Mack
WD5IFS
mack@mails.imed.com

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: Joe Serocki <JSEROCKI@allstate.com>
Subject: Styrofoam Peanuts -Reply
Message-ID: <s275cc3e.088@allstate.com>

As far as I am concerned, NOTHING beats a few rolls of bubble wrap, especially the stuff with the big bubbles. Gives the receiver something for the kids to play with when the box comes as well (grin).

>>> <mack@mails.imed.com> 10/29/96 09:08am >>>

I echo Richard Hager's opinion of peanuts. They need to be packed very tightly or the stuff inside the box will shift during shipping. This is a common phenomenon. Any time you have small particles and large particles mixed together, the smaller ones shift together until they pack closely. The effect is that the small pieces go down and the big pieces go up. It's what makes fields back East "grow" rocks.

Ray Mack
WD5IFS
mack@mails.imed.com

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: carl yaffey <cyaffey@sprynet.com>
Subject: Suggestions needed for 75A4 repair
Message-ID: <2.2.32.19961029193827.007071c4@m1.sprynet.com>

My 75A4 suddenly developed a condition whereby CW/SSB signals sound very "watery" or modulated by a sort of hum (CW sigs sound T7). AM doesn't sound right either, but not as bad. This condition is not TOTALLY gone when no signals are there, but it certainly increases tremendously when they ARE present. What would you check first? Power supply caps? Tubes? Bypass caps? Is there a particular circuit you'd suspect? TNX in advance es 73, Carl K8NU

Carl Yaffey K8NU (ex-W4EZB) cyaffey@sprynet.com 614 268 6353 Columbus OH
Banjo player for One Riot One Ranger, independent software developer.

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 |###||=====|*##*|
 _// `  `

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: mknudsen@lucent.com
Subject: re: SX-42 sensitivity and 51J4 PT0 Align
Message-ID: <9610291801.AA00848@bock.ih.lucent.com>

Well, I think I'll be the next to try this. My 51J3 is smooth and "linear" but varies from one end to the other by slightly more than the adjustable cursor and tick marks on the bezel can handle. That is, I don't think my worm gear is worn, but the little series inductor needs tweaking.

Is it OK to pull the PT0 tube in and out with the rx on? I'd think so, and that would save all the other tubes the shocks of constant powering up and down. 73, mike k aa9rg

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: steve@hi.com (Steve Byan)
Subject: Torrestronics frequency display
Message-ID: <9610291837.AA08942@loki.hi.com>

(A copy of this message has also been posted to the following newsgroups: rec.radio.amateur.boatanchors)

Thanks to everyone on the boatanchors list who replied to my earlier query about frequency counting digital displays for boatanchor receivers. A

summary is forthcoming.

In the meantime, I've a dim memory of reading a review of a frequency display unit made by an outfit I believe is called "Torrestronics". I think the review may have been in Monitoring Times within the past five years. As I recall, this unit would count all the local oscillators on a double- or triple-conversion receiver. I haven't been able to uncover an address or phone for Torrestronics; has anyone heard of them or recognize the description of this frequency display?

Thanks in advance.

Regards,
-Steve

--

Steve Byan	internet: steve@hi.com
Hitachi Computer Products (America), Inc.	
1601 Trapelo Road	phone: (617) 890-0444
Waltham, MA 02154	FAX: (617) 890-4998

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Robert Nickels <ranickel@mwci.net>
Subject: Re: Torrestronics frequency display
Message-ID: <3276CA60.63AD@mwci.net>

Steve Byan wrote:

>I've a dim memory of reading a review of a frequency
> display unit made by an outfit I believe is called "Torrestronics". I
>As I recall, this unit would count all the local oscillators on a >double- or
triple-conversion receiver. I haven't been able to uncover >an address or phone
for Torrestronics; has anyone heard of them or >recognize the description of this
frequency display?
>

Hi Steve and BA'ers,

I thought I'd reply to the list as this little BA helper may be
of general interest...

The unit I have is a Torrestronics (Al Torres, KP4AQI, prop),
4850 Hollywreath Court, Dayton OH 45424 "Universal Digital
Frequency Readout kit, model TK-1. It provides a 4 digit display
for the four least-significant digits - 100Khz, 10Khz, 1Khz, and 100hz.
Range is up to 50 Mhz, with 10-30 mv. sensitivity. It uses presettable
decade counters which are wired to DIP switches for the freq. offset
of the L.O. Since you are responsible for supplying the correct

Mhz digits, this display will work with any conversion scheme. I don't know if Torrestronics is still around, but the circuit is pretty simple, certainly cloneable if you're into that wirewrap stuff...

I'll apologize in advance to anyone offended by the sandy-state nature of this reply, but a digital display makes a good BA even better sometimes. Anyone interested in more info, please reply by private e-mail, the only type of counter appropriate for the BA list have "Veeder Root" stamped on them! Thanks.

73, Bob KE0T
ranickel@mwci.net

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: Re: Torrestronics frequency display
Message-ID: <19961029.220817.4407.0.k7yha@juno.com>

Gang:

I had one of these things in the early '80s on my T-T Argonaut 515. Worked OK but was a trashy little display spraying noise all over 15 and 10 meters.

A much better display is offered by S&S Engineering in Maryland. Dick advertises in CQ, 73 and QST. He designs and builds QRP rigs (ARK-40, ARK-4, TAC-1, etc). His PC-1 is a counter/freq display that is programmable to any IF and will work well on BA receivers, Collins S-lines (god forbid!) and any analog readout rig that has an IF you can tap into.

I used a PC-1 on two Argonaut 509s and a 515 before I sold it to WA6CER. No noise, very rugged construction and easy to build.

call: S&S Engineering at (301) 416-0661
14102 Brown Rd.
Smithsburg, MD 21783

73 rich K7YHA

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: Re: Tube bank
Message-ID: <19961029.044425.4407.13.k7yha@juno.com>

On Mon, 28 Oct 1996 21:07:36 -0600 (CST) "Brian Carling" <bry@mnsinc.com> writes:

>HEY! It's a reply from AF4K!

>On 28 Oct 96, Jim Haynes wrote:. We need one addition - that if
>> you can't keep your tubes then offer to send them to someone who
>> can. They must never go to the dump, since there aren't any more
>> being made.

Gang:

towards that end, I have a mountain of compactrons and TV-type tubes that are in the way here at K7YHA. If anybody needs these, I'll gladly send them out in exchange for postage. We are talking between 75 and 100 tubes. I have picked thru the mass of them and pulled the 6CB6s, 12AU7s, 12AX7s, 6BE6s, 6EA6s, ect. These are primarily TV tubes and I do not want to throw them away.

73 rich K7YHA

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996

From: MODSTEPH@ACS.EKU.EDU

Subject: Viking II - no longer in the barn.

Message-ID: <01IB816NDRVM000LTX@ACS.EKU.EDU>

Success!!

The "stored-in-a-barn-for-over-20-years" Viking II is now in the operating position. I made the final repairs and adjustments yesterday, and it is smo-o-o-o-oth. So quiet running, compared to several others I have (like the Globe Scout - can monitor my sending from the loud hum as it is keyed). Have gotten some nice reports on CW (and have the bias circuits all set so no more red glowing plates on the 6146's OR on the 807's)

Thanks to help from here (BA list) I got the audio circuits figured out and running (they were modified along the lines of the DX-100: using 12AX7 --> 12BY7 --> pair of 807's). I do not have an on-the-air report on AM yest, but it sounds decent running to the dummy load and to my own receiver!

It still is less than beautiful appearing, but along the lines of "beauty is skin deep," or "in the eyes of the beholder," it is beautiful in its own way - power applied and operating, doing what it was designed to do. So long, chickens, hello world.

And thanks to all who helped with information and DX-100 schematic!

73, A1 N5AIT
modsteph@acs.eku.edu
Allan Stephens
Richmond, Kentucky

LOOKING FOR: SX-146, SX-112, HT-46

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: Michael Crestohl <mc@shore.net>
Subject: WANTED: HP-310C and HP-204C manuals or copies
Message-ID: <199610300437.XAA20237@northshore.shore.net>

Does anyone have manuals or copies for either if these Hewlett-Packard pieces of test equipment:

HP-310C VTVM with AC probe

HP-204C Audio Oscillator

Please reply by e-mail.

73,

Michael Crestohl. KH6KD/W1
mc@shore.net

From boatanchors@theporch.com Tue Oct 29 09:26:31 1996
From: anthonys@ix.netcom.com (Anthony Severdia)
Subject: Re: What is a WE 379-A Tube
Message-ID: <199610290713.XAA20560@dfw-ix11.ix.netcom.com>

~

Bill Turini wrote:

>While poking around in the dark and spider-infested corners of my garage,
>I uncovered a Western Electric 379-A tube. Big bugger, about a foot to 16
>inches high, about 8 inches in diameter. Anyone have any clue as to what
>it was used for? Looks like it would make a nice table lamp, except I
>probably couldn't afford to heat the filaments.

Bill:

And it has a copper jacket on the narrow part? If so, this is a water cooled power amplifier tube of the '30s. Used extensively in Western Electric and RCA AM broadcast transmitters of the period. Maybe also GE transmitters. (Western Electric did much in advanced power tubes at that time).

I don't have any data on these beasts but I'd bet that it had a plate dissipation of at least several KW. These were also used in early RF induction heaters. (I've heard).

--Tony-- W6ANV San Francisco, CA

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: lblaske@pclink.com (Lee Blaske)
Subject: WTB: Heath SB knob/escutcheon
Message-ID: <v02130500ae9c8dd795ed@[206.11.0.85]>

Just finishing up restoring an SB-301, and could really use a main tuning knob and escutcheon in better condition. The rest of the rig is in excellent shape. Actually, I don't even need the whole escutcheon, just the aluminum part that says "Heathkit" on it.

Does anyone have either of these parts available reasonably?

73,

Lee Blaske AA0EF
19555 Excelsior Blvd.
Excelsior, MN 55331-8720
Voice: (612) 474-4919
Fax: (612) 474-4813
lblaske@pclink.com

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: George Humphrey <gah@koyote.com>
Subject: WTB: Heath VFO HG-10
Message-ID: <199610300439.WAA08093@mail.koyote.com>

BAers,

I am looking for a clean Heath VFO HG-10 and matching cable.
Also would be interested in 10,15,20,40 & 80 Meter crystal

sources and prices.

Thanks,
73 George KC5WBV
gah@koyote.com

From boatanchors@theporch.com Tue Oct 29 23:10:51 1996
From: "Frank R. White" <whitefra@tyrell.net>
Subject: WTD: Litz Wire
Message-ID: <Pine.SUN.3.91.961029202220.15539C-100000@tyrell.net>

Hello BAers

Does anyone have some Litz wire I could talk or trade you out of?

Thanks,

Frank
KB0TG
whitefra@tyrell.net

From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: "William B. Ross" <billross@txdirect.net>
Subject: [Fwd: Re: Collins Trivia -Reply]
Message-ID: <327676AA.407F@txdirect.net>

Message-ID: <32763AC6.7234@txdirect.net>
From boatanchors@theporch.com Tue Oct 29 17:44:21 1996
From: Karan Lee Carruth <klccarru@tenet.edu>
Subject: Re: [Fwd: Re: Collins Trivia -Reply]
Message-ID: <Pine.OSF.3.91.961029163049.20515A-100000@beall.tenet.edu>

I believe that the LF oscillator for the ART-13 covered the range below the broadcast band. It did not cover the 160 meter band. That band was not even used much during the war except for radio range stations.

Before the war, most airport towers were below the broadcast band but, by the end of the war, they were well on their way to VHF where they are now except for military which is UHF.

So, finding the LF oscillator won't help you get on 160 meters.

Lenox, WA50VG
klccarru@tenet.edu